

EM SCIENCE

CERTIFICATE OF ANALYSIS

NAME: Potassium Iodide
Granular, GR
ITEM NUMBER: PX1507
LOT NUMBER: 127964
FORMULA: KI
FORMULA WT: 166.00
Meets ACS Specifications
Data Order No: 00031826

PROPERTY	LIMITS		RESULTS	UNITS
	Min.	Max.		
Assay	99.0		99.96	%
Barium (Ba)		0.002	<0.0002	%
Calcium, magnesium, and R2O3 precipitate		0.005	0.0050	%
Chloride and bromide (as Cl)		0.01	0.0100	%
Color			White	
Form			Granules [-18 mesh]	
Heavy metals (as Pb)		5	5	ppm
Insoluble matter		0.005	0.0030	%
Iodate (IO3)		3	3	ppm
Iron (Fe)		3	3	ppm
Loss on drying (150°C)		0.2	<0.02	%
Nitrogen compounds (as N)		0.001	0.0010	%
Phosphate (PO4)		0.001	0.0010	%
Sodium (Na)		0.005	<0.0005	%
Sulfate (SO4)		0.005	0.0050	%
pH of a 5% solution at 25°C	6.0	9.2	6.40	%

Charles M. Wilson,
Quality Assurance Manager
Analysis Date: 8/12/99

